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● EPODOC / EPO

PN - JP2000037789 A 20000208  
PD - 2000-02-08  
PR - JP19980205969 19980722  
OPD - 1998-07-22  
TI - PRODUCTION OF TOOTHED BELT  
IN - NOSAKA SOKICHI  
PA - MITSUBOSHI BELTING LTD  
IC - B29D29/08 ; B29C33/02 ; B29C35/02 ; F16G1/28 ; B29K21/00 ;  
B29K105/24 ; B29L29/00

● WPI / DERWENT

TI - Manufacturing method for toothed belt  
PR - JP19980205969 19980722  
PN - JP3329736B2 B2 20020930 DW200271 B29D29/08 007pp  
- JP2000037789 A 20000208 DW200063 B29D29/08 007pp  
PA - (MIUA ) MITSUBOSHI BELTING LTD  
IC - B29C33/02 ; B29C35/02 ; B29D29/08 ; B29K21/00 ; B29K105/24  
; B29L29/00 ; F16G1/28  
AB - JP2000037789 NOVELTY - A method for manufacturing a toothed belt comprising a core-wire buried between teeth portions arranged in the lengthwise direction at regular intervals and the back side and a cylindrical canvas member covering the teeth portion, wherein the method comprises a step for inserting a metallic rod in a machine sewed joint portion of a cylindrical canvas member, a step for obtaining a preliminary formed article by pressing the cylindrical canvas member together with the inserted metallic rod by magnetic force of a magnet member placed in a molding groove while placing the inserted metallic rod on the outside of the cylindrical canvas member, a step for forming a belt sleeve by vulcanizing unvulcanized rubber stacked on the span core-wire after removing the metallic rod and the magnet member.  
- USE - The method is suitable for manufacturing a toothed belt with good appearance.  
- DESCRIPTION OF DRAWING(S) - The drawing shows an expanded partial cross sectional view of a molding groove  
- Cylindrical Canvas Member 1  
- Joint Portion 4  
- Machine Sewing Thread 6  
- Preliminary Formed Article 8  
- Inserted Metallic Rod 10

- Mold 11
- Molding Groove 12
- Magnet Member 17
- (Dwg.7/9)

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AN - 2000-649266 [63]

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TI - PRODUCTION OF TOOTHED BELT

AB - PROBLEM TO BE SOLVED: To provide a toothed belt producing method capable of accurately setting the position of the joint part in cylindrical canvas sewn by a sewing machine, eliminating the bleeding of rubber from the joint part to improve appearance and preventing the early cracking or sounding from the joint part.

- SOLUTION: A process inserting a metal insert rod 10 into the joint part 4 sewn by a sewing machine positioned on the outside of cylindrical canvas 1, a process mounting the cylindrical canvas 1 into which the insert rod 10 is inserted on a mold so that the insert rod 10 is positioned in a mold groove part 12 and pushing the cylindrical canvas 1 in the groove part along with the insert rod 10 by the magnetic force of the magnetic body 17 arranged to the mold groove part 12 to form a preformed object 8 and a process pulling off the insert rod 10 and the magnetic body 17 to spin a core wire comprising a cord around the preformed object and laminating unvulcanized rubber thereon and vulcanizing and molding the whole so that the unvulcanized rubber flows in the mold groove part 12 to produce a belt sleeve are provided.

SI - B29K21/00 ;B29K105/24 ;B29L29/00

I - B29D29/08 ;B29C33/02 ;B29C35/02 ;F16G1/28

















